

AMENDMENTS TO THE CLAIMS

Claims 1-11. (Canceled)

12. (New) A process of manufacturing an optical phase-change recording medium, said process comprising the steps of:

forming a first dielectric layer, a recording layer, a second dielectric layer, and a metal layer on a substrate;

coating the metal layer with an overcoat layer;

providing the optical recording medium coated with the overcoat layer;

subsequently, driving the optical recording medium;

radiating an initializing light into the driving optical recording medium;

moving an irradiation spot of the initializing light on the driving optical recording medium relative to the driving optical recording medium;

detecting an intensity of light reflected by the driving optical recording medium;
and

adjusting the moving speed of the irradiation spot of the initializing light based on the intensity of light.

13. (New) The process according to claim 12, wherein said step of driving said optical recording medium comprises the step of rotating said optical recording medium, said process further comprising the step of adjusting the rotating speed of the optical recording medium based on the intensity of light.

14. (New) The process according to claim 12, wherein said reflected light is a reflection of the initial light.

15. (New) An optical phase-change recording medium made by the process of claim 12.

16. (New) A process of manufacturing an optical phase-change recording medium, said process comprising the steps of:

forming a first dielectric layer, a recording layer, a second dielectric layer, and a metal layer on a substrate;

coating the metal layer with an overcoat layer;

providing the optical recording medium coated with the overcoat layer;

subsequently, driving the optical recording medium;

radiating an initializing light into the driving optical recording medium;

moving an irradiation spot of the initializing light on the driving optical recording medium relative to the driving optical recording medium;

detecting an intensity of light reflected by the driving optical recording medium;
and

analyzing the initializing condition of the optical recording medium based on the detected intensity of the reflected light,

wherein the reflected light is a reflection of light from a second light source, and wherein the light from the second light source is different than the initializing light.

17. (New) The process according to claim 16, further comprising the step of adjusting a power of the initializing light based on the analyzed initializing condition.

18. (New) An optical phase-change recording medium made by the process of claim 16.